

Numele și prenumele.....

Clasa

Lecția: Inserarea ecuațiilor

FIȘA DE LUCRU

Scrieți pe calculator următoarele ecuații:

1. $x + 5 = 7$

$4 : x = 2$

$4x - 3 = 2x + 9$

$x - 3 = 8$

$x : 9 = 4$

$3(x - 5) + 8 = 20$

2. $x + \frac{1}{7} = 2\frac{5}{21}$

$5x = \frac{15}{16}$

$x : \frac{2}{7} = \frac{3}{14}$

$x - 1\frac{3}{4} = 2\frac{1}{2}$

$1\frac{2}{9}x = \frac{5}{18}$

$3\frac{1}{4} : x = \frac{7}{8} (x \neq 0)$

3. $x + \frac{3}{8} = 1\frac{2}{5} - 2x$

$2,4x = 0,576$

$\frac{4}{5}x + \frac{3}{4} = \frac{1}{2}x + 3\frac{1}{2}$

$2,415 : x = 1,05$

$3,14x + 0,(63) = 2,14x + 1,1(6)$

$6,24 - 2x = 3,12$

4. $\frac{x}{3} = \frac{4}{6}$

$\frac{4}{x+5} = \frac{1}{5}$

$\frac{x+1}{2} = \frac{6}{x+2}; x \in \mathbb{N}$

$\frac{x+2}{3} = 5$

$\frac{5x-1}{3} = \frac{1}{2}$

$\frac{3}{11} = \frac{1}{3x-2}$

5. $12\frac{1}{3} : \left\{ \left[2\frac{3}{4} : \left(1\frac{2}{3} + 1\frac{7}{8}x \right) \right] \frac{8}{11} + 1\frac{2}{3} \right\} = 5$

$$\frac{1}{10} \left\{ \frac{1}{10^2} \left[\frac{1}{10^3} \left(\frac{1}{10^4} + \frac{1}{10^5}x \right) - \frac{1}{10^6} \right] - \frac{1}{10^7} \right\} - \frac{1}{10^8} = \frac{1}{10^9}$$